

<b>Project Title:</b>	DNA Methyltransferase Gene Expression in Colon Cancer
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<b>Grant Number:</b>	R01ES011858

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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
A DNA hypermethylation module for the stem/progenitor cell signature of cancer.	Easwaran, Hariharan; Johnstone, Sarah E; Van Neste, Leander; Ohm, Joyce; Mosbruger, Tim; Wang, Qiuju; Aryee, Martin J; Joyce, Patrick; Ahuja, Nita; Weisenberger, Dan; Collisson, Eric; Zhu, Jingchun; Yegnasubramanian, Srinivasan; Matsui, William; Baylin, Stephen B	Genome Res (2012 May)	22 / 837-49	<a href="#">PubMed Citation</a>
A novel 6C assay uncovers Polycomb-mediated higher order chromatin conformations.	Tiwari, Vijay K; Cope, Leslie; McGarvey, Kelly M; Ohm, Joyce E; Baylin, Stephen B	Genome Res (2008 Jul)	18 / 1171-9	<a href="#">PubMed Citation</a>
A recombinant reporter system for monitoring reactivation of an endogenously DNA hypermethylated gen ...	Cui, Ying; Hausheer, Frederick; Beaty, Robert; Zahnow, Cynthia; Issa, Jean Pierre; Bunz, Frederick; Baylin, Stephen B	Cancer Res (2014 Jul 15)	74 / 3834-43	<a href="#">PubMed Citation</a>
A requirement for DICER to maintain full promoter CpG island hypermethylation in human cancer cells.	Ting, Angela H; Suzuki, Hiromu; Cope, Leslie; Schuebel, Kornel E; Lee, Byron H; Toyota, Minoru; Imai, Kohzoh; Shinomura, Yasuhisa; Tokino, Takashi; Baylin, Stephen B	Cancer Res (2008 Apr 15)	68 / 2570-5	<a href="#">PubMed Citation</a>
Aberrant gene silencing in tumor progression: implications for control of cancer.	Baylin, S B; Chen, W Y	Cold Spring Harb Symp Quant Biol (2005)	70 / 427-33	<a href="#">PubMed Citation</a>

Aberrant silencing of cancer-related genes by CpG hypermethylation occurs independently of their spa ...	Easwaran, Hariharan P; Van Neste, Leander; Cope, Leslie; Sen, Subhojit; Mohammad, Helai P; Pageau, Gayle J; Lawrence, Jeanne B; Herman, James G; Schuebel, Kornel E; Baylin, Stephen B	Cancer Res (2010 Oct 15)	70 / 8015-24	PubMed Citat
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Cancer epigenetics: tumor heterogeneity, plasticity of stem-like states, and drug resistance.	Easwaran, Hariharan; Tsai, Hsing-Chen; Baylin, Stephen B	Mol Cell (2014 Jun 5)	54 / 716-27	PubMed Citat
Comparing the DNA hypermethylome with gene mutations in human colorectal cancer.	Schuebel, Kornel E; Chen, Wei; Cope, Leslie; Glockner, Sabine C; Suzuki, Hiromu; Yi, Joo-Mi; Chan, Timothy A; Van Neste, Leander; Van Criekinge, Wim; van den Bosch, Sandra; van Engeland, Manon; Ting, Angela H; Jair, Kamwing; Yu, Wayne; Toyota, Minoru; Imai, Kohzoh; Ahuja, Nita; Herman, James G; Baylin, Stephen B	PLoS Genet (2007 Sep)	3 / 1709-23	PubMed Citat
Convergence of mutation and epigenetic alterations identifies common genes in cancer that predict fo ...	Chan, Timothy A; Glockner, Sabine; Yi, Joo Mi; Chen, Wei; Van Neste, Leander; Cope, Leslie; Herman, James G; Velculescu, Victor; Schuebel, Kornel E; Ahuja, Nita; Baylin, Stephen B	PLoS Med (2008 May 27)	5 / e114	PubMed Citat

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Role of nuclear architecture in epigenetic alterations in cancer.	Easwaran, H P; Baylin, S B	Cold Spring Harb Symp Quant Biol (2010)	75 / 507-15	PubMed Citation
Silenced tumor suppressor genes reactivated by DNA demethylation do not return to a fully euchromati ...	McGarvey, Kelly M; Fahrner, Jill A; Greene, Eriko; Martens, Joost; Jenuwein, Thomas; Baylin, Stephen B	Cancer Res (2006 Apr 1)	66 / 3541-9	PubMed Citation

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